

Claims

1. A method for packaging content comprising a Web site into a relocatable form for installation on a destination system, the method comprising the steps of:

assembling content comprising a Web site;

modifying the content by replacing an absolute reference with a token reference;

transferring the modified content, including the token reference, to a destination system;

installing the modified content on the destination system by resolving the token reference consistent with the destination system configuration.

2. The method of Claim 1 wherein the destination location configuration is determined by scanning system resources on the destination system.

3. The method of Claim 1 wherein the destination location configuration is determined by receiving input from a user of the destination system.

4. The method of Claim 1 further comprising the step of prompting the user of the destination system to identify the desired instantiation of the tokenized references.

5. The method of Claim 1 wherein the content comprises source code.

6. The method of Claim 5 wherein the source code is chosen from a list consisting of markup language source code, CGI script source code, Javascript source code, Perl source code, Java source code, C/C++ source code, and the like.

7. The method of Claim 1 further comprising the step of providing a data file containing a resolution procedure for the token reference.

8. A method for packaging content comprising a Web site into a relocatable form for installation on a destination system, the method comprising the steps of:

obtaining a markup language source code containing an absolute reference to content;

identifying the absolute reference as a candidate for token substitution;
 providing a data file containing a token resolution protocol for use in resolving a token;

executing a computer program to bind the content into a portable object,
 wherein the executing step includes substituting a token for the absolute reference;

transporting the portable object to a destination system for installation on the destination system;

installing the portable object on the destination system;

resolving the token according to the token resolution protocol contained in the data file.

9. The method of claim 8 wherein the transporting step includes transporting the portable object via a portable storage medium.

10. The method of claim 8 further comprising the step of periodically sending a request from the destination system to update the content.

11. The method of claim 8 wherein the installing step and the resolving step are substantially contemporaneous.

12. The method of claim 8 further comprising the step of allowing a user of the destination system to alter the token resolution protocol.

13. A portable Web site system for relocating data and content defining a Web site from a primary content server to a destination system, the portable Web site system comprising:

a development program for gathering content referenced by a Web site;

a data file containing a protocol for resolving a tokenized content reference to the destination location;

a compiler program to tokenize a content reference and bind the content for transport to the destination system; and

an installation program to install the content on the destination system and resolve the tokenized content reference according to the protocol.

14. The system of claim 13, wherein the compiler program is a super-language compiler operable on a text file.

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